

AFY25_WON_Pier Bravo Damage Cost Estimate
NAVFAC HQ Version 5, Updated 04-25-2022

File Name Convention:
AFY25_WON_Pier Bravo Damage Cost Estimate

AFY: FY2025
Submittal: ROM
Date: 7NON2022

The basis of the pricing used reflects the probable construction cost which can be obtained in the location of the project for the schedule time period of this construction. This estimate assumes a competitive bid situation, and is an opinion of probable cost based on fair market value, and is not a prediction of the anticipated low bid. The Cost Engineer has no control over the cost of labor and material, the general contractor's or any sub tractor's method of construction and determine price or competitive bidding and market conditions. This opinion of probable cost of construction is made on the basis of experience, qualifications and best judgment of the Cost Engineer. Cost Engineer cannot and does not guarantee that proposal, bid or actual construction cost will not vary from this or subsequent estimate. The Cost Engineer has prepared this estimate in accordance with generally acceptance cost estimating practice and standards.

Quantity survey as detailed is based upon the levels of design and documentation available. When quantities are not available, assumptions have been based on historical information from similar projects, parametric cost models or other projects recently estimated by NAVFAC.

The Government Estimate meet the latest requirements available in UFC 3-701-01, UFC 3-730-01 and FC1-300-09N. The software used to develop the Government Estimate are TRACES database (MII v4.4.3), PACES and CostWorks 2021.

Estimated by
Designed by
Prepared by

Preparation Date 4/1/2022
Effective Date of Pricing 4/1/2022
Estimated Construction Time Days

Description	ContractCost	Contingency	Escalation	ProjectCost
Total Project Cost				
COA - 1 Demolition of the damaged, submerged, and remaining pier and trestle	26,753,647	0	9,631,313	36,384,960
Demolition of Full Structure	26,753,647	0	9,631,313	36,384,960
Pier and Trestle	20,721,402	0	7,459,705	28,181,107
Fire Pump House	357,067	0	128,544	485,611
Lightening Arrestor Tower Platform	1,394,773	0	502,118	1,896,891
Other	908,126	0	326,925	1,235,051
01 57 19 01 25 Temporary Environmental Controls	3,372,280	0	1,214,021	4,586,301
COA - 2 Demolition of the damaged portions of the pier and trestle (including what is now submerged in the water) with reconstruction of the damaged (and missing) portions of the pier and trestle	20,496,896	0	7,378,883	27,875,779
Partial Demolition of Structure	8,378,261	0	3,016,174	11,394,435
Pier and Trestle	6,564,616	0	2,363,262	8,927,878
Other	523,977	0	188,632	712,609
01 57 19 01 25 Temporary Environmental Controls	1,289,667	0	464,280	1,753,948
Partial Reconstruction	12,118,636	0	4,362,709	16,481,345
Structure	8,771,727	0	3,157,822	11,929,548
Services	3,346,909	0	1,204,887	4,551,797
COA - 3 Demolition of the damaged, submerged, and remaining pier and trestle with full reconstruction of the pier and trestle.	77,625,399	0	27,945,144	105,570,543
Demolition of Full Structure	26,753,647	0	9,631,313	36,384,960
Pier and Trestle	20,721,402	0	7,459,705	28,181,107
Fire Pump House	357,067	0	128,544	485,611
Lightening Arrestor Tower Platform	1,394,773	0	502,118	1,896,891
Other	908,126	0	326,925	1,235,051
01 57 19 01 25 Temporary Environmental Controls	3,372,280	0	1,214,021	4,586,301
Full Reconstruction	50,871,752	0	18,313,831	69,185,582
Pier and Trestle	39,860,638	0	14,349,830	54,210,467
Water Pump House	2,612,905	0	940,646	3,553,551
Lightening Arrestor Tower Platform	3,258,011	0	1,172,884	4,430,895
Wood Piles	5,140,198	0	1,850,471	6,990,670